PTO/S8/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY Attorney Do				orney Docket No. 45682			32		
	APPLICATION	- [				Chae-Whan Lim et al.			
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(Only for new popprovision	nal applications under 37 CFR 1.53(b))			Mail Label N					
	TION ELEMENTS				يصيصونب	nt Commiss	ioner for Patents		
1	erning utility patent application content		ADD	RESS TO:		tent Applica gton, DC 2			
	orm (e.g., PTO/SB/17) duplicate for fee processing)		7.	CD-ROM or C			ge table or		
2. Applicant claims si See 37 CFR 1.27.		Computer Program ( <i>Appendix</i> )  8. Nucleotide and/or Amino Acid Sequence Subr				Submission			
Specification	[Total Pages [82] ]		(if applicable, all necessary)  Computer Readable Form (CRF)						
- Descriptive title	of the invention		а. <sub>С</sub>	Specification Seq		• •	j		
	e to Related Applications arding Fed sponsored R & D			i. CD-RON	or CD-R	(2 copies);	or		
<ul> <li>Reference to sequence listing, a table,</li> </ul>				ii.□ paper			1		
or a computer program listing appendix - Background of the Invention			c. Statements verifying identity of above copies						
- Brief Summary - Brief Description	of the Invention n of the Drawings ( <i>if filed</i> )			CCOMPANY	ING AP	PLICATI	ON PARTS		
- Detailed Descrip - Claim(s)			9. [				& document(s))		
- Abstract of the	Disclosure		10.	37 CFR 3.73 (when there	٠,		Power of Attorney		
4. Drawing(s) (35 U.	.S.C. 113) [ Total Sheets 45 ]		11.	English Trar	nslation De	ocument (if	applicable)		
5. Oath or Declaration	[ Total Pages 2 ]		12.	Information Statement (I			Copies of IDS Citations		
a. Newly execu	ited (original or copy)		13.	Preliminary	•				
	prior application (37 CFR 1.63 (d)) tion/divisional with Box 17 completed)		14.	Return Reco			503)		
	ION OF INVENTOR(S)			(Should be s		•	ent(s)		
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR			15.	Certified Co	riórity is c	laimed)	]		
1.63(d)(2) and 1.33(b).			16 Other:						
	Sheet. See 37 CFR 1.76 CATION, check appropriate box, and s	unnly th		iaita information	holow one	t in a prolim	inani amandmant		
or in an Application Data She	eet under 37 CFR 1.76:	ирріу в	-						
Continuation Divisional Continuation-in-part (CIP) of prior application No.:/									
Prior application information:	Examiner			Group I Art Unit:					
Box 5b, is considered a part of	ONAL APPS only: The entire disclosure of the disclosure of the accompanying con relied upon when a portion has been inac	tinuation	or div	isional application	n and is he	reby incorp	on is supplied under prated by reference.		
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Country	USA	Telepho	one	(202) 530-73	371	Fax	(202) 659-9344		
Name (Print/Type)	Peter L. Kendall		Reg	istration No. (A	ttorneyl/	Agent)	46,246		
Signature	Pot Comble					Date Sep	otember 9, 2003		

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EEE TOANGMITTAL	Complete if Known					
FEE TRANSMITTAL	Application Number					
for FY 2003 fective 01/01/2003. Patent fees are subject to annual revision.	Filing Date	September 9, 2003				
	First Named Inventor	Chae-Whan Lim et al.				
	Examiner Name					
olicant claims small entity status. See 37 CFR 1.27	Art Unit					

TOTAL AN	TOTAL AMOUNT OF PAYMENT (\$) 1,192.00 Attorney Docket No. 45682									
METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)						
Check Credit card Money Other None			3. ADDITIONAL FEES							
Order Constant			Large Entity   Small Entity							
Deposit Locale		Fee	Fee		Fee		Fee Description			
Account	18-2220	{	Code 1051	( <b>\$</b> )	<b>Code</b> 2051		Surcha	Fee Paid		
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Account Name	Roylance, Abrams, Be	erdo	}				covers	sheet		
The Commissioner is authorized to: (check all that apply)		1053	130 2,520	1053 1812 2			nglish specification ng a request for ex parte reexamination			
Charge fee(s) indicated below Credit any overpayments			1804	920*	1804	•		sting publication of SIR prior to		
Charge any additional fee(s) during the pendency of this application			1004	320	1004	320		ner action	<b></b>	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.			1805	1,840*	1805	1,840*		sting publication of SIR after ner action	[]	
FEE CALCULATION			1251	110	2251	55	Extens	sion for reply within first month		
1. BASIC F			1252	410	2252	205	Extens	sion for reply within second month	<b> </b>	
Large Entity S	Small Entity		1253	930	2253	465	Extens	sion for reply within third month		
	Fee Fee Fee Description Code (\$)	Fee Paid	1254	1,450	2254	725	Extens	sion for reply within fourth month	<b> </b>	
1001 750	2001 375 Utility filing fee	750.00	1255	1,970	2255	985	Extens	sion for reply within fifth month	<b> </b>	
1002 330	2002 165 Design filing fee		1401	320	2401	160	Notice	<b> </b>		
1003 520	2003 260 Plant filing fee		1402	320	2402	160	Filing	<b> </b>		
1004 750	2004 375 Reissue filing fe	e l	1403	280	2403	140	Request for oral hearing			
1005 160	2005 80 Provisional filin	g fee	1451	1,510	1451	1,510	Petitio	n to institute a public use proceeding	<b> </b>	
1	SUBTOTAL (1)	(\$) 750.00	1452	110	2452	55	Petitio	n to revive - unavoidable	<b></b>	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			1453	1,300	2453	650	Petitio	n to revive - unintentional	<b></b>	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1	1,300	2501		-	issue fee (or reissue)	<b> </b>		
Extra Claims below Fee Paid  Total Claims 33 -20** = 13 x 18 = 234		1502	470	2502		_	n issue fee	<b> </b>		
Independent	$\begin{bmatrix} 33 \\ 5 \end{bmatrix}$ -20** = $\begin{bmatrix} 13 \\ 2 \end{bmatrix}$ X	84 = 168	1503	630	2503			issue fee	<b> </b>	
Claims Multiple Depe	ا``لينيا `` لينيا ``		1460	130	1460			ons to the Commissioner	<b> </b>	
	ı		1807	50	1807			ssing fee under 37 CFR 1.17(q)	<b></b>	
Large Entity Fee Fee	Small Entity Fee Fee Fee Descrip	otion	1806	180	1806			ssion of Information Disclosure Stmt	<del> </del>	
Code (\$)	Code (\$) 2202 9 Claims in exce	occ of 20	8021	40	8021	40	brober brober	Recording each patent assignment per property (times number of properties)		
1202 18 1201 84		laims in excess of 3	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))			
1203 280	2203 140 Multiple deper	dent claim, if not paid	1810	750	2810	375	For each additional invention to be			
1204 84	2204 42 ** Reissue ind over original	ependent claims patent	1801	750	2801	375	examined (37 CFR 1.129(b))  Request for Continued Examination (RCE)			
1205 18	2205 9 ** Reissue cla and over ori	ms in excess of 20 ginal patent	1802	900	1802	900	' ' <del> </del>			
[			Other fee (specify)							
SUBTOTAL (2) (\$) 402.00  **or number previously paid, if greater; For Reissues, see above			*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00							

SUBMITTED BY		(Complete (if applicable)			
Name (Print/Type)	Peter L. Kendall	eter L. Kendall Registration No. (Attorney/Agent) 46,24		Telephone	(202) 659-9076
Signature	lot levell			Date	September 9, 2003

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